

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/009328

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B41F31/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B41F B41L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 102 12 882 A (LUDWIG E BETZ GMBH DRUCKMASCHI) 23 October 2003 (2003-10-23) paragraphs '0038!', '0039!'; figures 1,3,9	1,5
X	DE 199 53 324 A (TECHNOTRANS AG) 23 May 2001 (2001-05-23) cited in the application column 2; figure 2	1,2
A	US 2001/011510 A1 (KOEHLER JAMES E) 9 August 2001 (2001-08-09) figures 1-4	1-5
A,P	EP 1 418 050 A (T G C S R L) 12 May 2004 (2004-05-12) abstract; figure 1	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

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P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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S document member of the same patent family

Date of the actual completion of the international search

21 December 2004

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12/01/2005

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10212882	A	23-10-2003	DE 10212882 A1	23-10-2003
DE 19953324	A	23-05-2001	DE 19953324 A1	23-05-2001
US 2001011510	A1	09-08-2001	US 2002152907 A1	24-10-2002
			US 2001011512 A1	09-08-2001
			AU 4171497 A	24-04-1998
			DE 19782023 T0	28-10-1999
			GB 2357733 A ,B	04-07-2001
			GB 2332879 A ,B	07-07-1999
			JP 3426251 B2	14-07-2003
			JP 2001522319 T	13-11-2001
			WO 9814330 A1	09-04-1998
EP 1418050	A	12-05-2004	EP 1418050 A1	12-05-2004
			US 2004089174 A1	13-05-2004